

May 26th, 1950

W H R C INVENTORY

BROADCASTING EQUIPMENT, AND FURNISHINGS:

STUDIO B

- 156 10-inch popular records, mostly outdated
- 1 10-inch record of National Anthem
- 13 10-inch sound effects records
- 1 12-inch classical record
- 5 12-inch long-playing records
- 2 10-inch long-playing records
- 1 Columbia Album C-44 "Boogie Woogie" (two records)
- 1 Horace Heidt Album #501 "Dick Contino"
- 2 2"x 6" notebooks
- 2 2"x 6"x 4" Card Indexes (for records)
- 1 2'x 3' hardtop table
- 1 2'x 3' hardtop table, including:
 - 2 phonograph motors (Green Flyer Model 2DC4, dual speed - fair condition)
 - 2 twelve-inch turntables
 - 1 pick-up arm - Astatic B54, Model 4CON
 - 1 pick-up arm - Astatic 752, Model 4DUN
 - 1 lp pick-up arm - Astatic, Model 400-OT
- 1 Jensen 5 1/2" loudspeaker
 - 1 cord and jack, low impedance
- 1 Electrovoice Velocity Microphone, Model V-2, cord, hi-imp jk
- 1 Turner Dynamic Microphone, Model U9S, Serial # 39615
 - 1 cord and low impedance jack
- 1 Electrovoice microphone table stand, model 423A
- 1 eight-inch microphone stand
- 1 boom microphone stand
- 1 18" General Electric Clock
- 1 ash tray
- 1 Green rug, approx. 9'x 12', very worn.
- 4 straight-back chairs
- 1 wastepaper basket
- 1 table lamp
- 1 Swivelier table lamp
- 1 pr. earphones (Wm. Murdock Army Surplus R-14)
- 1 pr. earphones (Wm. Baldwin Army Surplus Type c)

CONTROL-ROOM

- 2 Brush pick-up arms PL20 (good cond.)
- 2 Reokut electric motors, dual speed, Model LP12, & turntable
- 1 Astatic lp pickup arm, Model 400-OT
- 1 Console for Studio H, including:
 - 1 Weston Electric Volume Meter, Model 862

CONTROL-ROOM (cont.)

- 1 Preamplifier for Studio H, including:
 - 4 6SJ7 tubes
 - 6 6SN7 tubes
- 1 Rack for Studio H, including:
 - 3 power supplies, each with 1 5U4
 - 4 line amplifiers, each having:
 - 1 6SL7
 - 1 6SN7
 - 1 program amplifier, having:
 - 1 6SL7
 - 1 6SN7
 - 1 audition amplifier, having:
 - 1 6SL7
 - 1 6SN7
 - 1 monitor amplifier, having:
 - 1 6SL7
 - 2 6V6
 - 1 patch-panel
- 1 Heathkit Battery Eliminator, Model BE-2
- 1 Telechron 18" Clock
- 1 RME Radio, Radio Man. Co. No. 69, Serial #1518
- 1 monitor speaker, Radio Man. Co. No. 69
- 1 combination console and preamplifier for Studio B, including:
 - 3 6SJ7 tubes
 - 5 6SN7 tubes
- 1 rack for Studio B, including:
 - 1 power supply, with:
 - 1 5U4
 - 1 power supply, with:
 - 1 5U3
 - 1 monitor amplifier, with:
 - 2 6V6
 - 1 6SL7
 - 1 program amplifier, with:
 - 1 6SL7
 - 1 6SN7
- 1 transmitter rack, including:
 - 1 transmitter, with:
 - 1 6C5
 - 1 807
 - 1 modulator, with:
 - 1 6SL7
 - 2 6V6
 - 2 power supplies, with:
 - 1 5U4
 - 1 studio switching chassis
 - 1 antennae tuning unit
- 1 Brush Soundmirror Tape Recorder and Playback, Model BK-401
- 5 reels recording tape
- 1 Zenith monitor speaker, fair cond.
- 1 connecting stay for remote lines
- 2 pr. earphones

STUDIO H (cont.)

2 pr. earphones (Wm. J. Murdock, Army Surplus, Model R-14)
 1 low impedance to high impedance microphone adapter
 5 straightbacked chairs
 1 deskchair
 1 stool
 1 2'x 3½' hardtop table
 1 standing ashtray
 1 glass ashtray
 1 music stand
 1 lecturn
 approx. 30 sq. ft. rugging
 1 wastepaper basket
 1 window shade
 1 piano (Charles M. Stieff, Baltimore)
 1 Swivelier lamp
 1 letter box

OFFICE

1 small filing box

PARTS AND EQUIPMENT

Tubes: 1 6L6-G
 4 6SJ7-GT
 4 6SK7
 1 6C5
 1 6SF5
 1 80
 1 6ZY5G
 1 686
 1 25A6
 1 6SN7-GT
 1 12SK7-GT
 2 6L7
 2 7A7
 1 6V6-GT/G
 2 6K6-GT/G

Wire: 70 ft. extension cord for preamplifier, Roberts Hall,
 microphone wire (used)
 166 ft. single conductor shielded wire (new)
 60 ft. two conductor shielded wire (new)
 60 ft. hookup wire, assorted lengths (used)
 20 ft. microphone extension (used)
 50 ft. grounding wire (used)
 scrap, short lengths, assorted.

PARTS AND EQUIPMENT (cont.)

Hardware:

- 12 coathooks (new)
- 1 lb. assorted nails (used)
- 1 1/2 lb. assorted screws and small hardware (used)
- 1 lb. heavy hardware, assorted, used
- 1 oilcan (used)
- 1 AC fixture (used)
- 1

Miscellaneous:

- 2 doz. assorted mounting strips, some used, some new
- 4 incomplete microphone connectors, used
- assorted phono accessories, used
- 1 relay chassis, used
- 2 24-volt relays, used
- 1 24-volt relay, used
- 4 6-volt relays, new
- 1 relay contact 1 1/2 kit, new
- 14 6-volt pilot lights, new
- 3 pilot light brackets, used
- 2 fuse holders, used
- 14 tube sockets, used
- 3 2P3T switches, used
- 7 assorted insulators
- 5 AC sockets, used
- 4 toggle switches, used
- assorted AC connectors, used
- 1 anap-switch, used
- 1 3P3T switch, used
- 1 4PDT telephone switch, used
- 1/2 lb. assorted resistors, used
- 17 mica transmitter condensers, some used, some new
- 12 assorted condensers, used
- 3 T-pads, used
- 4 potentiometers, used
- 3 RF chokes, used
- 1 100 watt resistor, used
- 2 cheap microphone transformers, used
- 6 output transformers, assorted, used
- 1 driver transformer, used
- 1 DB meter, used
- 1 modulator and power supply chassis, used
- assorted chassis and ham station parts (donated by an alumnus)
- 3 Brush crystal pickup cartridges, Model PL22, Serial# 26A, used
- 2 Astatic B-16 phono pickups, used
- 1 400 Nylon pickup (J), used
- 1 Par metal TR 3220 (rack), new

MISCELLANEOUS (cont.)

- 5 1½" x 2" metal grills, new
- 4 2" x 2" angle iron, 16 ft. in total, used
- 2 ½" x ½" angle metal, seven feet each, used
- 2 metal strips, 7' x 5/8" x 1/8", used
- 1 angle metal, 8', poor cond, used
- 1 relay rack panel, no. PS-1251-A Bul, used
- 2 metal trip plate, no. 3551, new

USELESS PARTS AND EQUIPMENT

- 2 padlocks, minus keys
- 3 pr. headphones
- 1 Utah monitor speaker, punctured
- 1 Astatic microphone, Model D2, Serial # 3737
- 1 upright telephone
- 1 microphone stand, broken
- 6 pots
- 1 Panel marking kit
- 1 dial knob
- 1 scrap chassis
- 3½ jacks without covers
- 1 gooseneck lamp
- 2 window shades
- 2 monitor speakers
- 1 Handi-microphone (carbon), Serial # 3694

TOOLS

- 1 broom
- 2 c-clamps
- 2 stroboscopic discs
- 1 RCA tool manual
- 1 catchall file
- 2 semi-useless soldering irons
- 2 metal drills
- 1 midget clamp
- 1 pr. long-nosed pliers
- 1 Simpson meter, model 180
- 2 oz. gray paint
- 2 cans red paint, part-full
- 1 can white paint, part-full
- 1 hammer
- 1 hacksaw
- 1 pr. scissors

Daniel W. Hardy
for the Board

MAY 26, 1950

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FILE COPY

5/26/50

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CONTROL-ROOM

- 2 Brush pick-up arms PL20 (good cond.)
- 2 Reokut electric motors, dual speed, Model LP12, & turntables
- 1 Astatic lp pickup arm, Model 400-OT
- 1 Console for Studio H, including:
 - 1 Weston Electric Volume Meter, Model 862

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 - 4 6SJ7 tubes
 - 5 6SN7 tubes
- 1 Rack for Studio H, including:
 - 3 power supplies, each with 1 5U4
 - 4 line amplifiers, each having:
 - 1 6SL7
 - 1 6SN7
 - 1 program amplifier, having:
 - 1 6SL7
 - 1 6SN7
 - 1 audition amplifier, having:
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 - 1 6SN7
 - 1 monitor amplifier, having:
 - 1 6SL7
 - 2 6F6
 - 1 patch-panel
- 1 Heathkit Battery Eliminator, Model BE-2
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- 1 monitor speaker, Radio Man. Co. No. 69
- 1 combination console and preamplifier for Studio B, including:
 - 3 6SJ7 tubes
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- 1 rack for Studio B, including:
 - 1 power supply, with:
 - 1 5U4
 - 1 power supply, with:
 - 1 5U3
 - 1 monitor amplifier, with:
 - 2 6V6
 - 1 6SL7
 - 1 program amplifier, with:
 - 1 6SL7
 - 1 6SN7
- 1 transmitter rack, including:
 - 1 transmitter, with:
 - 1 6C5
 - 1 807
 - 1 modulator, with:
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 - 2 6V6
 - 2 power supplies, with:
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- 5 reels recording tape
- 1 Zenith monitor speaker, fair cond.
- 1 connecting stay for remote lines
- 2 pr. earphones

CONTROL-ROOM (cont.)

- 4 straight-back chairs
1 blackboard and eraser
rugging, approx. 20 sq. ft.
1 clipboard
1 relay unit to control studio lights in Studio B (6 volt)
1 " " " " " " " " Studio H (6 volt)
6 short patch cords.
1 long patch cord
1 gooseneck table lamp
1 Swivelier table lamp
2 ashtrays
1 intercommunication system (Kellogg)
78 Radiodiffusion Francais Transcriptions
15 Navy Department transcriptions
6 special transcriptions
29 outdated transcriptions
1 Turner Dynamic Microphone, Model 211, Serial #3031, hi-imp., cord

STUDIO 8

- 1 Brush Acoustical Microphone BA-106, cord.
- 1 earphone
- 1 gooseneck lamp
- 1 filing cabinet, containing:
 - 1 portable preamplifier, with:
 - 1 80 tube
 - 1 6SC7 tube
 - 1 6SL7 tube
 - 1 6SN7 tube
 - 1 low impedance microphone extension cord, 100 ft.
 - 2 high impedance microphone extension cord, 100 ft.
 - 1 low-impedance to high-impedance microphone adapter
- 1 2'x 2½' wooden cabinet, containing:
 - 1 coil of wire
 - 1 windowshade
- rugging
- 247 outdated transcriptions
- 1 straight-backed chair

STUDIO H

- 1 Telechron 18" Clock
1 mounting for clock and warning lamps, including 2 6-volt bulbs
1 Jensen PM monitor speaker ST246, pm10C C1057-4
1 Shure Supercardioid Directional Dynamic Microphone, Model 55B
1 " " " " " " " " , Model 55
2 cords with low-impedance jack
1 RCA Varacoustic Microphone, Model MI-6204-B
1 floor microphone telescoping stand, FM Co., St. 30
1 GE radio, JFM 90 11 148

STUDIO H (cont.)

2 pr. earphones (Wm. J. Murdock, Army Surplus, Model R-14)
 1 low impedance to high impedance microphone adapter
 5 straightbacked chairs
 1 desk chair
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PARTS AND EQUIPMENT (cont.)

Hardware:

12 coathooks (new)
 1 lb. assorted nails (used)
 1½ lb. assorted screws and small hardware (used)
 1 lb. heavy hardware, assorted, used
 1 oilcan (used)
 1 AC fixture (used)
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Miscellaneous:

2 doz. assorted mounting strips, some used, some new
 4 incomplete microphone connectors, used
 assorted phono accessories, used
 1 relay chassis, used
 2 24-volt relays, used
 1 24-volt relay, used
 4 6-volt relays, new
 1 relay contact 1 ½ kit, new
 14 6-volt pilot lights, new
 3 pilot light brackets, used
 2 fuse holders, used
 14 tube sockets, used
 3 2P3T switches, used
 7 assorted insulators
 5 AC sockets, used
 4 toggle switches, used
 assorted AC connectors, used
 1 snap-switch, used
 1 3P3T switch, used
 1 4PDT telephone switch & used
 1/2 lb. assorted resistors, used
 17 mica transmitter condensers, some used, some new
 12 assorted condensers, used
 3 T-pads, used
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 1 angle metal, 8', poor cond., used
 1 relay rack panel, no. PS-1251-A Bud, used
 2 metal trip plate, no. 3551, new

USELESS PARTS AND EQUIPMENT

2 padlocks, minus keys
 3 pr. headphones
 1 Utah monitor speaker, punctured
 1 Astatic microphone, Model D2, Serial # 3737
 1 upright telephone
 1 microphone stand, broken
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 1 RCA tool manual
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 1 pr. long-nosed pliers
 1 Simpson meter, model 180
 2 oz. gray paint
 2 cans red paint, part-full
 1 can white paint, part-full
 1 hammer
 1 hacksaw
 1 pr. scissors

REPORT ON HOLDINGS OF THE
PRODUCTION DEPARTMENT...
WHRC.....

RECORDS: 33 1/3 R.P.M.

R.C.A.-VICTOR, CLASSICAL: 12".....	112
R.C.A.-VICTOR, CLASSICAL: 10".....	11
R.C.A.-VICTOR, POPULAR: 12".....	1
COLUMBIA, CLASSICAL: 12".....	31
COLUMBIA, POPULAR: 12".....	36
OTHERS, POPULAR: 10".....	12

TOTAL L.P.'S 203

RECORDS: 45 R.P.M.

CAPITOL, POPULAR..... 121

RECORDS: 78 R.P.M.

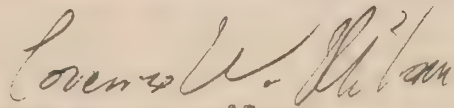
MISC., CLASSICAL: 12".....	23
MISC., POPULAR: 12".....	1
MISC., POPULAR: 10".....	958

TOTAL 78's 982

TAPES:

SCOTCH & AUDIO PLASTIC RECORDING TAPES..... 16

Completed and Signed


lorenzo w. milan
production manager

SUPPLEMENTARY INVENTORY

*** This Supplementary Inventory is to be used as a supplement to the complete inventory submitted during the college year, 1949-50.-----

NEW ITEMS:

Technical:

- 2 Rekokut Phonograph Motors and Turntables (Model LP-12)
- 1 Console (for Studios R and C), to be used in conjunction with the preamplifier previously in Studio R.
- 1 Microphone channel amplifier:
 - 1 6SN7 tube
- 2 Phone cue amplifiers, one each for Studios R and H

Non-technical:

- 40 Popular 78 RPM phonograph records
- 5 Popular 45 RPM phonograph records
- 1 Electro-Voice microphone stand (table)
- 1 wall bracket and boom for microphone (Studio R)
- 1 soldering iron
- miscellaneous condensers, tubes
- miscellaneous lengths of wire, shielded

Respectfully submitted,

DWH.

Daniel W. Hardy
Station Manager

FIRST SEMESTER, 1950-51

Last Years Report

APRIL 18, 1953

TO: THE STUDENTS ASSOCIATION OF HAVERTFORD COLLEGE

FROM: TECHNICAL MANAGER OF WHRC

SUBJECT: INVENTORY OF WHRC

ATTACHED PLEASE FIND INVENTORY OF WHRC CORRECT AS OF APRIL 4, 1953.

SIGNED:

D. RIDGELY BOLGIANO
TECHNICAL MANAGER
WHRC

DRB/m

INVENTORY OF WHRC

ALL INTERNAL ITEMS OF WORTH (ESTIMATED) OVER 2.00 DOLLARS - MOVABLE

ALL INTERNAL ITEMS OF WORTH (ESTIMATED) OVER 10.00 DOLLARS -

SEMI-PERMANENT

- 1) CONSOLE - 14 INPUT BUS SWITCHING & MONITORING CONTROLS
- 4) TYPE 'A' MICROPHONE PRE-AMPLIFIERS
- 1) TYPE 'C' " " "
- 2) TYPE 'A' TURNTABLE " "
- 1) SET - TYPE 'R' PRE-AMPLIFIER - 2 MIXE CHANNELS, 2 TURNTABLE CHANNELS
- 4) MODIFIED GENERAL-ELECTRIC PRE-AMPLIFIERS
- 1) TYPE 'A' MODIFIED PRE-AMPLIFIER FOR 'FM'
- 1) MODIFIED REATH-ZIT AMPLIFIER FOR TAPE RECORDER PRE-AMPLIFIER
- 4) TYPE 'B' LINE AMPLIFIERS
- 1) VU METER AMPLIFIER
- 1) LINE AMPLIFIER TYPE 'S'
- 1) 'FM' TUNER - MEISSNER MODEL 8C
- 1) 800 CYCLE OSCILLATOR PLUS KEYING RELAY
- 1) AUTOMATIC CONTROL CLOCK & ASSOCIATED RELAYS
- 1) 84 INPUT PATCH PANEL
- 2) TYPE 'A' MONITOR AMPLIFIERS
- 1) TYPE 'R' " "
- 2) TYPE 'A' CHANNEL "
- 2) TYPE 'R' " "

- 2) MODEL 1p743 REK-O-KUT TURNTABLES
- 2) MODEL 1p12 " " " "
- 1) TALK-A-PHONE INTERCOMMUNICATION MASTER CONTROL UNIT
- 2) SLAVE UNITS - TALK-A-PHONE
- 1) CALL BOX - " " "
- 1) RME MULTI-BAND AM RECEIVER
- 1) 55B -500 ohm CARDIOD MICROPHONE SHURE
- 1) 55B - MULTI-Z " " "
- 1) RCA MODEL MI-6204-C -- HI-Z MICROPHONE
- 1) U98 - MULTI-Z DYNAMIC TURNER "
- 1) 211 - HI-Z " " "
- 1) BA-105- HI-Z CRYSTAL BRUSH " (ON LOAN TO JOHN FLINT)
- 1) TWO INPUT REMOTE MIXER AMPLIFIER
- 1) TRANSMITTER & ASSOCIATED PARTS (CONNECTED FOR CARRIER-CURRENT

TYPE OPERATION

- CONSISTS OF:
- 1) BOOSTER AMPLIFIER
 - 1) MODULATOR AUDIO AMPLIFIER
 - 1) OSCILLATOR - 690,000 CYCLE/SECOND
CRYSTAL CONTROLLED
 - 1) RF DRIVER - 30 WATTS
 - 1) ANTENNA COUPLER

- 5) PAIRS R14 HEADPHONES EQUIPPED WITH: MC-162-A PADS
HB-7 RESTS
PL-55 PLUGS
- 3) DESK-TYPE TABLES (ONE MODIFIED FOR TURNTABLES)
- 2) CUSTOM-BUILT 30" PLATFORMS OR BENCHES FOR EQUIPMENT
- 3-1) CR-1745 BUD RELAY RACK
- 1) UPRIGHT PIANO
- 3) SEMI-PERMANENT FILE CABINETS
- 1) PORTABLE " "
- 1) PERMANENT RECORD FILE "
- 4) TYPE 'C' HIGH VOLTAGE POWER SUPPLIES
- 2) 6 VOLT 10 AMPERE DIRECT CURRENT POWER SUPPLIES
- 950) SHEETS WHRC LETTERHEADS
- 20) 1200' PLASTIC RECORDING TAPES SCOTCH & AUDIOTAPE
- 2) 2400' " " " " SCOTCH ON METAL REELS
- 65) RECORDED PROGRAMS (EDWARD R. MURROW - "THIS I BELIEVE")
- 156) TRANSCRIBED PROGRAMS FROM THE FRENCH BROADCASTING SYSTEM
- 500) OTHER ELECTRICAL TRANSCRIPTIONS OF PROGRAMS FROM:

WAR DEPARTMENT

NAVY "

AIR FORCE "

TREASURY "

VETERANS ADMINISTRATION

50) RCA VICTOR LP RECORDINGS (FOR SPONSORED PROGRAM)

10) ACETATE TRANSCRIPTIONS

6) MAJOR SOUND EFFECTS RECORDINGS

500) FEDERAL COMMUNICATIONS COMMISSION LOG FORMS

1) LEDGER FOR ACCOUNTS IN TREASURY

600) POPULAR 10" PRESSED RECORDINGS

2) LIVINGSTON TURNTABLE ARMS (TRANSCRIPTION TYPE)

2) BRUSH " " " "

4) ASTATIC " " " "

8) GENERAL ELECTRIC MAGNETIC PICKUPS

2) 12" CLOCKS TELECHRON

1) " " GENERAL ELECTRIC

2) 10" SPEAKERS

3) 5" "

1) 2" X 1½" SPEAKER

5) ASHTRAYS

2) LOW-Z MICROPHONE LINES

2) HI-Z " "

2) HI-Z " EXTENSION LINES

2) 110 volt AC EXTENSION LINES

5) DESK LAMPS (MOUNTED ON WALLS FOR INDIRECT LIGHTING)

2) SHELLS OF OLD CONSOLES

1) RECORD RACK (WIRE)

(b) The following information is being furnished to you:

(1) A copy of the report.

(2) A copy of the summary.

(3) A copy of the conclusions.

(4) A copy of the recommendations.

(5) A copy of the appendix.

(6) A copy of the exhibit.

(7) A copy of the transcript.

(8) A copy of the minutes.

(9) A copy of the agenda.

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(22) A copy of the agenda.

(23) A copy of the agenda.

(24) A copy of the agenda.

- 5) BOOKS AND/OR MANUALS PERTAINING TO RADIO
- 11) CHAIRS (HARD BACK)
 - 1) DESK CHAIR
 - 1) TALL STOOL
- 6) BAFFLES FOR SPEAKERS
 - 1) ELECTRICALLY LIT "ON THE AIR" SIGN
- 1) TELETYPE (RENTED FROM AT&T -- PAID FOR BY NEW YORK TIMES PAPER)
- 1) WALL LAMP
- 1) BRUSH TAPE RECORD AND PLAYBACK MACHINE (ONE MOTOR IS INOPERATIVE)
- 1) CONCERTONE MODEL 1401 TAPE RECORD AND PLAYBACK MACHINE
- 1) FIRE EXTINGUISHER CO₂ TYPE
 - 1) " " SODA-ACID TYPE (SUPPLIED BY COLLEGE)
- 1) BROWN CARPET
- 1) LARGE GONG
- 3) FIRE ESCAPE ROPES
- 1) LARGE WHRC SIGN
- 1) ATLAS FLOOR STAND
- 2) MICROPHONE TABLE STANDS
 - 1) SCREW MOUNT STAND
 - 2) HIGH VOLTAGE POWER SUPPLIES TYPE 'R'
 - 2) 6 volt AC POWER SUPPLIES TYPE 'R'

- 1) The first part of the report is devoted to a general description of the project and its objectives.
- 2) The second part contains a detailed description of the methodology used in the study.
- 3) The third part presents the results of the study, which are discussed in the fourth part.
- 4) The fifth part contains the conclusions of the study and recommendations for further research.
- 5) The sixth part is a bibliography of the sources used in the study.
- 6) The seventh part is an appendix containing additional data and figures.
- 7) The eighth part is a list of abbreviations and symbols used in the report.
- 8) The ninth part is a list of figures and tables included in the report.
- 9) The tenth part is a list of references cited in the report.
- 10) The eleventh part is a list of acknowledgments.
- 11) The twelfth part is a list of appendices.
- 12) The thirteenth part is a list of figures and tables.
- 13) The fourteenth part is a list of references.
- 14) The fifteenth part is a list of acknowledgments.
- 15) The sixteenth part is a list of appendices.
- 16) The seventeenth part is a list of figures and tables.
- 17) The eighteenth part is a list of references.
- 18) The nineteenth part is a list of acknowledgments.
- 19) The twentieth part is a list of appendices.
- 20) The twenty-first part is a list of figures and tables.
- 21) The twenty-second part is a list of references.
- 22) The twenty-third part is a list of acknowledgments.
- 23) The twenty-fourth part is a list of appendices.
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- 25) The twenty-sixth part is a list of references.
- 26) The twenty-seventh part is a list of acknowledgments.
- 27) The twenty-eighth part is a list of appendices.
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- 29) The thirtieth part is a list of references.
- 30) The thirty-first part is a list of acknowledgments.
- 31) The thirty-second part is a list of appendices.
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- 33) The thirty-fourth part is a list of references.
- 34) The thirty-fifth part is a list of acknowledgments.
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- 54) The fifty-fifth part is a list of acknowledgments.
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- 90) The ninety-first part is a list of acknowledgments.
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- 92) The ninety-third part is a list of figures and tables.
- 93) The ninety-fourth part is a list of references.
- 94) The ninety-fifth part is a list of acknowledgments.
- 95) The ninety-sixth part is a list of appendices.
- 96) The ninety-seventh part is a list of figures and tables.
- 97) The ninety-eighth part is a list of references.
- 98) The ninety-ninth part is a list of acknowledgments.
- 99) The one hundredth part is a list of appendices.

- 1) TYPE 'AD' CUE AMPLIFIER
- 3) WASTE BASKETS (LARGE)
- 1) " " (SMALL)
- 13) ALBUMS 78 rpm 12" CLASSICAL RECORDINGS
- 8) " " " 10" POPULAR "

SPARE PARTS: TUBES, CONDENSORS, RESISTORS, METAL & WOOD PARTS ETC
HAVE NOT BEEN INCLUDED IN THIS REPORT.

NEITHER HAVE WIRING, VARIOUS TERMINAL STRIPS, AND CONNECTORS BEEN
INCLUDED.

THIS REPORT HAS BEEN MADE AS ACCURATE AS POSSIBLE BY THE SUBMITTER.

THIS REPORT OF INVENTORY DRAWN UP AND SUBMITTED BY

D. RIDGELY BOLGIANO
TECHNICAL MANAGER

- (1) The Committee has the honor to acknowledge the receipt of your letter of the 10th inst.
- (2) and in reply to inform you that the same has been forwarded to the proper authorities for their consideration.
- (3) The Committee is also pleased to learn that you are interested in the progress of the work.
- (4) It is requested that you continue to keep the Committee advised of any further developments.

The Committee is very much interested in the progress of the work and is sure that you will continue to make every effort to complete the same as soon as possible. The Committee is also sure that you will continue to keep the Committee advised of any further developments.

Very truly yours,
J. H. Smith, Jr.
Secretary

Station Copy

February 18, 1934

TO: THE STUDENTS ASSOCIATION OF INVENTED COLLEGE
FROM: TECHNICAL ASSOCIATION OF WIRC
SUBJECT: INVENTION OF WIRC

ATTACHED PLEASE FIND INVENTION OF WIRC CORRECT AS OF FEBRUARY 18, 1934

SIGNED:

Joseph Z. Horner

TECHNICAL ASSOCIATION
WIRC

April

INVENTORY OF WMMO

ALL INTEGRAL FILMS OF SOUND (ESTIMATED) OVER 2.00 DOLLARS--REMOVED
ALL INTEGRAL FILMS OF SOUND (ESTIMATED) OVER 10.00 DOLLARS *
CASH-PAYMENT

- 1 Console Type High Voltage Power Supply
- 2 'A' Type High Voltage and Filament Power Supply
- 1 Relay Type Power Supply
- 1 Filament Power Supply 6 Volts AC @ 60 amperes
- 1 ~~XXXXXX~~ Studio Type Console -- 14 inputs plus switching and Monitoring Equipment
- 4 Type 'A' Microphone Pre-amplifier
- 1 Type 'C' Microphone Pre-amplifier
- 1 set-Type 'K' Pre-amplifier-- 2 Line Channels, 2 turntable Channels
- 4 modified Gs Phone Pre-Amplifiers
- 1 Type A modified Pre-amplifier for PA
- 1 Modified Heathkit Amplifier
- 1 FM Tuner -- Heissner 8C
- 1 new Multi-Band Communications Receiver
- 1 Ten-inch Audio Mixer Amplifier
- 1 Transmitter and Associated Parts (For Carrier Current type)
operation)
including:
 - 1) modulator audio amplifier
 - 1) Oscillator 600 K.C crystal controlled
 - 1) RF amplifier -- 15 watts
 - 1) Antenna Coupler
 - 1) Oscilloscope , 3"
 - 1) Modulator power supply
 - 1) Transmitter power supply
 - 1) Oscilloscope power supply
- 3) 8-14 headphones
 - *) damaged beyond repair

- 2 Bases for table Top Stands
- 1 Atlas Microphone Boom
- 2 Microphone Floor Stands
- 1 Livingston Turntable Arms (Transcription Type)
- 1 " " " "
- 1 " " " "
- 1 " " " "
- 1 GE Variable Reluctance Phono Cartridges
- 1 12" Telechron Clock
- 1 12" GE Clock
- 1 6" GE Clock
- 1 Multi-amplifier Chassis including; VU Amplifier, Q Amplifier,
Tape Recorder, Input Amplifier, Tape Recorder Output Amplifier
- 1 Automatic Control Clock and associated relays
- 1 600 Cycle "Beep" Oscillator plus Keying Relay
- 1 64 Input Patch Panel
- 2 Type 'A' Monitor Amplifiers
- 2 Type 'A' Channel Amplifiers
- 2 Type 'A' Channel Amplifiers
- 2 Model RF-743 RCA-C-Rat Turntables
- 2 Model RF-15 RCA-C-Rat Turntables
- 1 Talk-a-phone Intercom Master Control Unit
- 1 Slave Unit Talk-a-phone x x x
- 1 55-B 200-Ω SuperCardioid Unidyne Shure Microphone
- 1 55-B Multi-Z Super Cardioid Shure Microphone
- 1 111 High-Z Super-Dynamic Turner Microphone
- 1 MI-6304-B High Z Ribbon RCA Microphone
- 1 620 350 Ω Dynamic Electro-Voice Microphone
- 1 V55 Multi-Z Dynamic Turner Microphone
- 1 BA -105 MI Ω Crystal Brush

- 2 High Z Mike lines
- 3 Low Z Mike Lines
- 3 High Z Extension Lines
- 1 Desk-Type Table
- 3 Custom-Built 30" Platforms or Benches for Equipment
- 1 Bud Relay Rack CR-1745
- 1 Upright Piano
- 1 Permanent File Cabinet
- 1 Portable File Cabinet
- 2 Semi-Permanent File Cabinets
- 400 Log Sheets, FCC Form
- 1 2400' Plastic Recording Tape, Scotch and Audiotape
- 700 Sheets of WHRC Letterheads
- 11 1200' Plastic Recording Tape Scotch and Audiotape
- 1 Ledger for Accounts of Treasurer
- A Electro-voice 428-A Desk Type Microphone Stand
- 1 6" Table-top Mike Stand
- 1 22 Compartment Mail Box
- 1 10" speaker
- 1 2" x 1 1/2" speaker
- 1 5" Speaker
- 1 8" Speaker
- 4 Ashtrays
- 5 Desk Lamps (Mounted on Walls for Indirect Lighting)
- 1 Shell of an old Console
- 1 Record Rack
- 5 Books and/or Technical Manuals
- 1 Desk Chair
- 1 Tall Stool

- 4
- 1 Type 'R' Console; 3 inputs
 - 11 Chairs (Hard Back)
 - 5 Baffles for Speakers
 - 1 Electrically Lighted "On the Air" sign
 - 1 Remote Control Automatic Door Opening solenoid and associated Relay
 - 1 Wall Lamp
 - 1 Concertone Model 1401 Tape Record and Playback Machine
 - 1 Brush Tape Record and Play Back Machine (one motor inoperative)
 - 1 CO₂ Fire Extinguisher
 - 1 Teletype (Rented from UP, paid for by Lucky Strike)
 - 103 12" Rolls of Paper for Teletype
 - 25 Ribbons for Teletype
 - 1 Brown Carpet
 - 1 Large Gong
 - 3 Fire Escape Ropes
 - 1 Large WHRC Sign
 - 2 Large Waste Baskets
 - 1 Small Waste Basket
 - 2 Auto Switching Relay Boxes for WHRC-WBMC Line
(One Installed at WHRC and one at WBMC)
 - 1 mile 2 Conductor Telephone Line
 - 1 Set of Door Bell Chimes (Donated by Mr. Belgiano)
 - 8 Patch Cords, PL-47 Plugs
 - 1 Simpson Model 240 Multimeter with Leads
 - 1 Relay Panel containing:
 - 15 Sound-tronic Relays
 - 2 Stepping Type Relays

Spare@parts: tubes, condensers, resistors, various items of small hardware, terminal strips, and connectors--- value is under \$2. so these items have not been listed separately in the report.

RECORD LIBRARY -----

INVENTORY OF RECORDS AND SUPPLIES, FEBRUARY 1954

- 640 16" Electrical Transcriptions
Furnished free as advertising of various government organizations. Only expenditure involved is the express charge for records sent by Radio Diffusion Francaise of \$1.85 monthly. These records comprise about 20% of the Electrical transcription collection.
- 32 12" Long Playing Records "This I Believe"
Furnished free as promotional material by Columbia Records Inc.
- 20 12" Long Playing Records, miscellaneous classical selections-----Furnished free as promotional material by Columbia
- 10 10" and 12" Popular Longplaying Records, various labels.
Given to station by various individuals, some being sent under Capitol and Columbia contracts.
- 92 10" and 12" RCA Victor Classical Long Playing Records.
Furnished free under advertising contract with Eastern States Broadcasting Company
- 30 12" 78 RPM Records, mostly classical selections
Given to station by various individuals
- 940 10" 78 RPM popular records----
About 700 of these furnished under contracts with Capitol and Columbia Record Companies.
(Capitol, about 35 records per month, costing \$8.00 monthly)
(Columbia, about 25 records per month, costing \$5.00 monthly)
About 80 records furnished free under promotional policy of RCA Victor and several tiny companies.
Remainder given to station by various individuals.
- 1340 10" record envelopes ***--Purchased over span of years with station funds at price of about \$.02 each.
Of these, 940 are in use, and 400 are in storage.
- 4300 index cards. Of these, 3900 are in use as title and artist files for the popular records. About 400 cards are in storage.
- 1 built-in record cabinet, capacity, 1000 records. Built in 1948 by staff, materials purchased with station funds.
- 1 filing cabinet, 16 drawers, for 3x 5 index cards. Given to station by College in 1952.

Donald F. Gove
RECORD LIBRARIAN
SEMESTER I, 1953-54

This Report is Respectfully Submitted by the
Technical Director of WHRC, and it is held by him to
be as Accurate as Possible.

February 16, 1964

TO: THE STUDENTS ASSOCIATION OF HARVARD COLLEGE

FROM: TECHNICAL SERVICES OF WARC

SUBJECT: INVENTIONS OF WARC

ATTACHED PLEASE FIND INVENTIONS OF WARC COMPLETED AS OF FEBRUARY 12, 1964

SIGNED:

Joseph L. Horner

TECHNICAL SERVICES
WARC

April

INVENTORY OF WHRC

ALL INTEGRAL ITEMS OF WORTH (ESTIMATED) OVER 2.00 DOLLARS--REMOVABLE

ALL INTEGRAL ITEMS OF WORTH (ESTIMATED) OVER 10.00 DOLLARS *

SEMI-PERMANENT

1 Console Type High Voltage Power Supply

2 'K' Type High Voltage and Filament Power Supply

1 Relay Type Power Supply

1 Filament Power Supply 6 volts DC @ 30 amperes

1 ~~xxxxxx~~ Studio Type Console -- 14 inputs plus switching and
Monitoring equipment

1 Type 'A' Microphone Pre-amplifier

1 Type 'C' Microphone Pre-amplifier

1 Set-Type 'K' Pre-amplifier-- 2 Mike Channels, 2 turntable Channels

4 Modified GE Phono Pre-Amplifiers

1 Type A Modified Pre-Amplifier for FM

1 Modified Heath-Kit Amplifier

1 FM Tuner -- Meissner 8 L

1 HMB Multi-Band Communications Receiver

1 Two-input Remote Mixer Amplifier

1 Transmitter and Associated Parts (for Carrier Current type)
Operation)

Including:

1) Modulator Audio Amplifier

1) Oscillator 690 K.C crystal controlled

1) RF Amplifier -- 15 watts

1) Antenna Coupler

1) Oscilloscope , 6"

1) Modulator Power supply

1) Transmitter Power Supply

1) Oscilloscope Power supply

3) R-14 Headphones

2) damaged beyond repair

- 2 bases for table Top Stands
- 1 Atlas Microphone Boom
- 2 Microphone Floor Stands
- 2 Livingston Turntable Arms (Transcription Type)
- 2 Brush " " " "
- 4 Astatic " " " "
- 8 GE Variable Reluctance Phono Cartridges
- 2 12' Telechron Clocks
- 1 12' GE Clock
- 1 6' GE Clock
- 1 Multi-amplifier Chassis including; VU Amplifier, G amplifier,
Tape Recorder, Input Amplifier, Tape recorder Output Amplifier
- 1 Automatic Control Clock and associated relays
- 1 800 Cycle "Beep" Oscillator plus Keying Relay
- 1 84 Input Patch Panel
- 2 Type 'A' Monitor Amplifiers
- 2 Type 'A' Channel Amplifiers
- 2 Type 'R' Channel Amplifiers
- 2 Model LP-743 Rek-o-kut Turntables
- 2 Model LP-12 Rek-o-kut Turntables
- 1 Talk-a-phone Intercom Master Control Unit
- 1 Slave Unit Talk-a-phone ~~xxx~~ x
- 1 55B200 Ω Super Cardioid Unidyne Shure Microphone
- 1 55-B Multi-Z Super Cardioid Shure Microphone
- 1 211 High ΔZ Super- Dynamic Turner Microphone
- 1 MI-6204-B High Z Ribbon RCA Microphone
- 1 630 250 Ω Dynamic Electro-voice Microphone
- 1 V9S Multi-Z Dynamic Turner Microphone
- 1 BA -106 Hi Z Crystal Brush

- 2 High Z Mike lines
- 3 Low Z Mike Lines
- 3 High Z Extension Lines
- 1 Desk-Type Table
- 3 Custom-Built 30" Platforms or Benches for Equipment
- 1 Butl Relay Rack CR-1745
- 1 Upright Piano
- 1 Permanent File Cabinet
- 1 Portable File Cabinet
- 2 Semi-Permanent File Cabinets
- 400 Log Sheets, FCC Form
- 1 2400' Plastic Recording Tape, Scotch and Audiotape
- 700 Sheets of WHRC Letterheads
- 11 1200' Plastic Recording Tape Scotch and Audiotape
- 1 Ledger for Accounts of Treasurer
- A Electro-voice 428-A Desk Type Microphone Stand
- 1 6" Table-top Mike Stand
- 1 22 Compartment Mail Box
- 1 10" speaker
- 1 2" x 1 1/2" speaker
- 1 5" Speaker
- 1 8" Speaker
- 4 Ashtrays
- 5 Desk Lamps (Mounted on Walls for Indirect Lighting)
- 1 Shell of an old Console
- 1 Record Rack
- 5 Books and/or Technical Manuals
- 1 Desk Chair
- 1 Tall Stool

1 Type 'R' Console; 3 inputs 4

11 Chairs (Hard Back)

5 Baffles for Speakers

1 Electrically Lighted "On the Air" sign

1 Remote Control Automatic Door Opening solenoid and associated relay

1 Wall Lamp

1 Concertone Model 1401 Tape Record and Playback Machine

1 Brush Tape Record Play Back Machine (one motor inoperative)

1 CO₂ Fire Extinguisher

1 Teletype (Rented from UP, paid for by Lucky Strike)

103 12" Rolls of Paper for Teletype

25 Ribbons ~~xxxx~~ for Teletype

1 Brown Carpet

1 Large Gong

3 Fire Escape Ropes

1 Large WHRC Sign

2 Large Waste Baskets

1 small Waste Basket

2 Auto Switching Relay Boxes for WBMC-WHRC Line
(One Installed at WBMC and one at WHRC)

1 mile 2 Conductor Telephone Line

1 Set of Door Bell Chimes (Donated by Mr. Bolgiano)

8 Patch Cords, PL-47 Plugs

1 Simpson Model 240 Multimeter with Leads

1 Relay Panel containing
15 Sound-tronic Relays
2 Stepping Type Relays

Spare Parts, tubes, condensers, Resistors, various items of small Hardware, terminal Strips, and connectors. Value is under \$2. so these items have not been listed separately in the report.

THE UNIVERSITY OF CHICAGO

INVENTORY OF RECORDS AND OFFICES, FEBRUARY 1954

- 840 16" Electrical Transcriptions
Furnished free as advertising of various government organizations. Only expenditure involved is the express charge for records sent by Radio Diffusion Francaise of \$1.85 monthly. These records comprise about 20% of the electrical transcription collection.
- 32 12" Long Playing Records "This I Believe"
Furnished free as promotional material by Columbia Records Inc.
- 20 12" Long Playing Records, Miscellaneous classical selections-----furnished free as promotional material by Columbia.
- 10 10" and 12" Popular Longplaying Records, various labels.
Given to station by various individuals, some being sent under Capitol and Columbia contracts.
- 32 10" and 12" RCA Victor Classical Long Playing Records.
furnished free under advertising contract with Eastern States Broadcasting Company.
- 30 12" 78 RPM RMX Records, mostly classical selections.
Given to station by various individuals.
- 840 10" 76 RPM popular records-----
About 700 of these furnished under contracts with Capitol and Columbia record Companies.
(Capitol, about 35 records per month, costing \$5.00 monthly.)
(Columbia, about 25 records per month, costing \$5.00 monthly.)
About 80 records furnished free under promotional policy of RCA Victor and several tiny companies.
Remainder given to station by various individuals
- 1340 10" record envelopes ----purchased over span of years with station funds at price of about \$.03 each. Of these, 840 are in use, and 400 are in storage.
- 4000 index cards. Of these, 3500 are in use as title and artist files for the popular records. About 400 cards are in storage.
- 1 built-in record cabinet, capacity, 1000 records. Built in 1948 by staff, materials purchased with station funds.
- 1 filing cabinet, 18 drawers, for 3x5 index cards. Given to station by College in 1952.

Record Librarian
Semester I, 1953-54

This Report is Respectfully Submitted by the
Technical Director of WHRC, and it is held by him to
be as Accurate as Possible.

Technical Manager's Copy

February 13, 1954

TO: THE STUDENTS ASSOCIATION OF HAVENFORD COLLEGE.

FROM: TECHNICAL MANAGER OF WHRC

SUBJECT: INVENTORY OF WHRC

ATTACHED PLEASE FIND INVENTORY OF WHRC CORRECT AS OF FEBRUARY 12, 1954

SIGNED:

Joseph F. Horner

TECHNICAL MANAGER
WHRC

JLH/wsh

April

THE UNIVERSITY OF CHICAGO

[illegible]

OF WOMEN (COLLECTED) OVER 10.0 DOMESTIC *

THE UNIVERSITY OF CHICAGO

HEATHKIT 6V. DC POWER SUPPLY

1 Console ~~Supply~~ High Voltage Power supply

POWER SUPPLIES

~~2. A. High Voltage power supply~~

1 Heavy ~~Line~~ Power Supply

1 Filament Power supply 6 volts DC @ 30 amperes

WITH INTEGRAL PRE-AMPLIFIER

Pre

1. cke pmp

4 notified on phone pre-arrangements

1 6 CHANNEL LINE AMP

[illegible]

[Faint handwritten notes at the bottom of the page]

1 The Input-Output Model of the Economy

1. Identification - Species - Genus - Family - Order - Class - Phylum - Kingdom - Domain

140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180 181 182 183 184 185 186 187 188 189 190 191 192 193 194 195 196 197 198 199 200 201 202 203 204 205 206 207 208 209 210 211 212 213 214 215 216 217 218 219 220 221 222 223 224 225 226 227 228 229 230 231 232 233 234 235 236 237 238 239 240 241 242 243 244 245 246 247 248 249 250 251 252 253 254 255 256 257 258 259 260 261 262 263 264 265 266 267 268 269 270 271 272 273 274 275 276 277 278 279 280 281 282 283 284 285 286 287 288 289 290 291 292 293 294 295 296 297 298 299 300 301 302 303 304 305 306 307 308 309 310 311 312 313 314 315 316 317 318 319 320 321 322 323 324 325 326 327 328 329 330 331 332 333 334 335 336 337 338 339 340 341 342 343 344 345 346 347 348 349 350 351 352 353 354 355 356 357 358 359 360 361 362 363 364 365 366 367 368 369 370 371 372 373 374 375 376 377 378 379 380 381 382 383 384 385 386 387 388 389 390 391 392 393 394 395 396 397 398 399 400 401 402 403 404 405 406 407 408 409 410 411 412 413 414 415 416 417 418 419 420 421 422 423 424 425 426 427 428 429 430 431 432 433 434 435 436 437 438 439 440 441 442 443 444 445 446 447 448 449 450 451 452 453 454 455 456 457 458 459 460 461 462 463 464 465 466 467 468 469 470 471 472 473 474 475 476 477 478 479 480 481 482 483 484 485 486 487 488 489 490 491 492 493 494 495 496 497 498 499 500 501 502 503 504 505 506 507 508 509 510 511 512 513 514 515 516 517 518 519 520 521 522 523 524 525 526 527 528 529 530 531 532 533 534 535 536 537 538 539 540 541 542 543 544 545 546 547 548 549 550 551 552 553 554 555 556 557 558 559 560 561 562 563 564 565 566 567 568 569 570 571 572 573 574 575 576 577 578 579 580 581 582 583 584 585 586 587 588 589 590 591 592 593 594 595 596 597 598 599 600 601 602 603 604 605 606 607 608 609 610 611 612 613 614 615 616 617 618 619 620 621 622 623 624 625 626 627 628 629 630 631 632 633 634 635 636 637 638 639 640 641 642 643 644 645 646 647 648 649 650 651 652 653 654 655 656 657 658 659 660 661 662 663 664 665 666 667 668 669 670 671 672 673 674 675 676 677 678 679 680 681 682 683 684 685 686 687 688 689 690 691 692 693 694 695 696 697 698 699 700 701 702 703 704 705 706 707 708 709 710 711 712 713 714 715 716 717 718 719 720 721 722 723 724 725 726 727 728 729 730 731 732 733 734 735 736 737 738 739 740 741 742 743 744 745 746 747 748 749 750 751 752 753 754 755 756 757 758 759 760 761 762 763 764 765 766 767 768 769 770 771 772 773 774 775 776 777 778 779 780 781 782 783 784 785 786 787 788 789 790 791 792 793 794 795 796 797 798 799 800 801 802 803 804 805 806 807 808 809 810 811 812 813 814 815 816 817 818 819 820 821 822 823 824 825 826 827 828 829 830 831 832 833 834 835 836 837 838 839 840 841 842 843 844 845 846 847 848 849 850 851 852 853 854 855 856 857 858 859 860 861 862 863 864 865 866 867 868 869 870 871 872 873 874 875 876 877 878 879 880 881 882 883 884 885 886 887 888 889 890 891 892 893 894 895 896 897 898 899 900 901 902 903 904 905 906 907 908 909 910 911 912 913 914 915 916 917 918 919 920 921 922 923 924 925 926 927 928 929 930 931 932 933 934 935 936 937 938 939 940 941 942 943 944 945 946 947 948 949 950 951 952 953 954 955 956 957 958 959 960 961 962 963 964 965 966 967 968 969 970 971 972 973 974 975 976 977 978 979 980 981 982 983 984 985 986 987 988 989 990 991 992 993 994 995 996 997 998 999 1000 1001 1002 1003 1004 1005 1006 1007 1008 1009 1010 1011 1012 1013 1014 1015 1016 1017 1018 1019 1020 1021 1022 1023 1024 1025 1026 1027 1028 1029 1030 1031 1032 1033 1034 1035 1036 1037 1038 1039 1040 1041 1042 1043 1044 1045 1046 1047 1048 1049 1050 1051 1052 1053 1054 1055 1056 1057 1058 1059 1060 1061 1062 1063 1064 1065 1066 1067 1068 1069 1070 1071 1072 1073 1074 1075 1076 1077 1078 1079 1080 1081 1082 1083 1084 1085 1086 1087 1088 1089 1090 1091 1092 1093 1094 1095 1096 1097 1098 1099 1100 1101 1102 1103 1104 1105 1106 1107 1108 1109 1110 1111 1112 1113 1114 1115 1116 1117 1118 1119 1120 1121 1122 1123 1124 1125 1126 1127 1128 1129 1130

1) Rechnen Sie die 10. Sep. 1916

1) Oscillator 680 K.C crystal controlled

1) The amplifier - 10 x 10

1) antenna Coupler

1) Oscilloscope, 6"

[illegible]

1) Transmitter Power supply

1) Oscilloscope Power supply

3) ~~Small~~ ~~Anguilla~~ 3 GOOD PAIR, 2 DEK

~~1. The first of these is the fact that the~~

✓ 1/2 bases for table top stands

✓ 2 ~~microphone~~ microphone stands

2 microphone Floor stands

2 Livingston Turntable Arms (Transcription Type)

4 brush " " " "

4 sapphire " " " "

8 00 Variable Reluctance Phase Cartridges, 4 ϕ DIAM. NEEDLES

1 12" Telechron Clock

1 11" 00 Clock

1 8" 00 Clock

1 Multi-amplifier Console including: VU amplifier, 4 amplifier, Tape Recorder, Input amplifier, Tape recorder output amplifier

✓ 1 Automatic Control Clock for associated relays

✓ 1 600 Cycle "Deep" Oscillator plus Keying Relay

✓ 1 84 Input Patch Panel

2 ~~Type 1A~~ Master Amplifiers

2 ~~Type 1A~~ Channel Amplifiers

2 ~~Type 1A~~ Channel Amplifiers

2 Model LP-746 Hex-o-cut Turntables ✓

2 Model LP-73 Hex-o-cut Turntables ✓

1 Talk-a-phone Intercom Master Control Unit ✓

1 Slave Unit Talk-a-phone xxx x ✓

1 55 B12-012 Super Cardioid Unidyne Shure Microphone

1 10-8 Multi-Z Super Cardioid Shure Microphone NOT IN OPER. COND

1 111 ~~119A~~-Z Super-Dynamic Turner Microphone

1 11-6104-5 High β Ribbon RCA Microphone

1 830 100 Ω Dynamic Moving-Voice Microphone

1 V10 Multi-Z dynamic Turner Microphone

2 ~~11-6104-5~~ 11-6104-5 Crystal Microphone

8 MIC EXTENSIONS

- ~~2 High Z Mike Lines~~
- ~~3 Low Z Mike Lines~~
- ~~3 High Z Extension Lines~~
- ~~1 3" Table-top Mike Stand~~
- ~~1 A Electro-voice 428-A Desk Type Microphone Stand~~
- 1 Desk-Type Table ✓
- 3 Custom-Built 30" Platforms or Benches for equipment
- 1 Bud Relay Rack CR-1745 ✓
- 1 Upright Piano ✓
- 1 Permanent File Cabinet ✓
- 1 Portable File Cabinet ✓
- ~~2 Semi-Permanent File Cabinets~~
- 400 Log Sheets, FCC Form
- 700 Sheets of WHRC Letterheads
- 1 2400' Plastic Recording Tape, Scotch and Audiotape
- 11 1200' Plastic Recording Tapes, Scotch and Audiotape
- 1 Ledger for Accounts of Treasurer
- 1 ~~22~~ 22 Compartment Mail Box ✓
- ~~1 10" Speaker~~ ✓
- 1 2" x 1 1/2 speaker
- ~~1 5" Speaker~~
- ~~1 8" Speaker~~
- ~~4 Ash trays~~
- 5 Desk Lamps (Mounted on Walls for Indirect Lighting) ✓
- ~~1 Shell of an old Console~~
- ~~1 Record Rack~~
- ✓ 5 Books and/or Technical Manuals
- ✓ 1 Desk Chair
- ~~1 Tall Stool~~ OK

- 1 Type 'R' Console; 3 inputs
- 11 Chairs (Hard Back) ✓
- ~~5 Baffles for Speakers~~ 2 BARUCH LANG LOUD SPEAKERS
- 1 Electrically Lighted "On the Air" sign ✓
- ~~1 Remote Control Automatic Door Opening solenoid and associated relay~~
- ~~1 Wall Lamp~~
- 1 Concertone Model 1401 Tape Record and Playback Machine
- 1 REVUE T70167
- ~~1 Brush Tape Record Play Back Machine (one motor inoperative)~~
- 1 CO₂ Fire Extinguisher
- ~~1 Teletype (Rented from UP, paid for by Lucky Strike)~~
- 105 12" Rolls of Paper for Teletype
- 25 Ribbons ~~mixRxs~~ for Teletype
- ~~1 Brown Carpet~~ BROWN CARPETING
- ~~1 Large Gong~~
- 3 Fire Escape Ropes ✓
- ~~1 Large WHRC Sign~~
- 2 Large Waste Baskets ✓
- ~~1 small Waste Basket~~
- 2 Auto Switching Relay Boxes for WBMC-WHRC Line
(One Installed at WBMC and one at WHRC)
- 1/2 mile 2 Conductor Telephone Line
- 1 Set of Door Bell Chimes (Donated by Mr. Borgiano)
- 6 Patch Cords, PL-47 Plugs
- 1 Simpson Model 240 Multimeter with Leads
- 1 Relay Panel containing ✓
 - 15 Sound-tronic Relays
 - 2 Stepping Type Relays
- Spare Parts, tubes, condensers, Resistors, various items of small Hardware, terminal Strips, and connectors. Value is under \$2. so these items have not been listed separately in the report.

RECORD LIBRARY

INVENTORY OF RECORDS AND SUPPLIES, FEBRUARY 1954

- 640 16" Electrical Transcriptions
Furnished free as advertising of various government organizations. Only expenditure involved is the express charge for records sent by Radio Diffusion Francaise of \$1.85 monthly. These records comprise about 20% of the electrical transcription collection.
- 32 12" Long Playing Records "This I Believe"
Furnished free as promotional material by Columbia Records Inc.
- 20 12" Long Playing Records, Miscellaneous classical selections-----Furnished free as promotional material by Columbia.
- 10 10" and 12" Popular Longplaying Records, various labels.
Given to station by various individuals, some being sent under Capitol and Columbia contracts.
- 92 10" and 12" RCA Victor Classical Long Playing Records.
Furnished free under advertising contract with Eastern States Broadcasting Company.
- 30 12" 78 RPM REX Records, mostly classical selections.
Given to station by various individuals.
- 940 10" 78 RPM popular records-----
About 700 of these furnished under contracts with Capitol and Columbia Record Companies.
(Capitol, about 35 records per month, costing \$8.00 monthly.)
(Columbia, about 25 records per month, costing \$5.00 monthly.)
About 80 records furnished free under promotional policy of RCA Victor and several tiny companies.
Remainder given to station by various individuals
- 1340 10" record envelopes ----Purchased over span of years with station funds at price of about \$.02 each. Of these, 940 are in use, and 400 are in storage.
- 4500 index cards. Of these, 3900 are in use as title and artist files for the popular records. About 450 cards are in storage.
- 1 built-in record cabinet, capacity, 1000 records. Built in 1948 by staff, materials purchased with station funds.
- 1 filing cabinet, 16 drawers, for 3x5 index cards. Given to station by College in 1952.

Record Librarian
Semester I, 1953-54

This Report is Respectfully Submitted by
the Technical Director of WHRC, and it is held
by him to be as Accurate as Possible.

need Type inventory

~~Records~~ Yes

~~Secretarial~~

November 12, 1955

TO : THE STUDENTS' ASSOCIATION OF HAVENFORD COLLEGE

FROM : TECHNICAL MANAGER OF WHRC

SUBJECT : INVENTORY OF WHRC

ATTACHED PLEASE FIND INVENTORY OF WHRC CORRECT AS OF NOVEMBER 11, 1955

SIGNED :

RICHARD L. COHEN

TECHNICAL MANAGER
WHRC

RLC/jar

INVENTORY OF WMRC

ALL INTEGRAL ITEMS OF WORTH (ESTIMATED) OVER 2.00 DOLLARS ... MOVABLE

ALL INTEGRAL ITEMS OF WORTH (ESTIMATED) OVER 10.00 DOLLARS ...

SEMI-~~PERMANENT~~ PERMANENT

1 HEATHKIT 6 V. D.C. POWER SUPPLY

1 CONSOLE HIGH VOLTAGE POWER SUPPLY

2 'R' HIGH VOLTAGE POWER SUPPLIES

1 RELAY POWER SUPPLY

1 FILAMENT POWER SUPPLY 6 VOLTS DC @ 30 AMPERES

1 STUDIO TYPE CONSOLE ... 14 INPUTS PLUS SWITCHING AND MONITORING EQUIPMENT, WITH INTEGRAL PRE-AMPLIFIER

1 'R' PRE-AMPLIFIER ... 2 MINE CHANNELS, 2 TENNYMAN CHANNELS, 1 C.R.C. AMPLIFIER

4 MODIFIED GE PHONO PRE-AMPLIFIERS

1 6 CHANNEL LINE AMPLIFIER

1 FM TUNER ... MEISSNER 8 C

1 RME MULTI-BAND COMMUNICATIONS RECEIVER

1 PROWING REMOTE MIXER AMPLIFIER

1 TRANSMITTER AND ASSOCIATED PARTS (FOR CARRIER CURRENT TYPE OPERATION)

INCLUDING :

- 1) MODULATOR AUDIO AMPLIFIER
- 2) OSCILLATOR 680 K.C. CRYSTAL CONTROLLED
- 1) RF AMPLIFIER .. 15 WATTS
- 1) ANTENNA COUPLER
- 1) OSCILLOSCOPE, 6 IN.
- 1) MODULATOR POWER SUPPLY
- 1) TRANSMITTER POWER SUPPLY
- 1) OSCILLOSCOPE POWER SUPPLY

3 R-14 HEADPHONES 3 GOOD PAIRS, 2 DBR

Part 2: Questions

1. Let $f: \mathbb{R} \rightarrow \mathbb{R}$ be a function. Suppose that f is continuous at x_0 and $f(x_0) = L$. Show that f is continuous at x_0 if and only if $\lim_{x \rightarrow x_0} f(x) = L$.

2. Let $f: \mathbb{R} \rightarrow \mathbb{R}$ be a function. Suppose that f is continuous at x_0 and $f(x_0) = L$. Show that f is continuous at x_0 if and only if $\lim_{x \rightarrow x_0} f(x) = L$.

3. Let $f: \mathbb{R} \rightarrow \mathbb{R}$ be a function. Suppose that f is continuous at x_0 and $f(x_0) = L$. Show that f is continuous at x_0 if and only if $\lim_{x \rightarrow x_0} f(x) = L$.

4. Let $f: \mathbb{R} \rightarrow \mathbb{R}$ be a function. Suppose that f is continuous at x_0 and $f(x_0) = L$. Show that f is continuous at x_0 if and only if $\lim_{x \rightarrow x_0} f(x) = L$.

5. Let $f: \mathbb{R} \rightarrow \mathbb{R}$ be a function. Suppose that f is continuous at x_0 and $f(x_0) = L$. Show that f is continuous at x_0 if and only if $\lim_{x \rightarrow x_0} f(x) = L$.

1. Let $f: \mathbb{R} \rightarrow \mathbb{R}$ be a function. Suppose that f is continuous at x_0 and $f(x_0) = L$. Show that f is continuous at x_0 if and only if $\lim_{x \rightarrow x_0} f(x) = L$.	11	1. Solution.
2. Let $f: \mathbb{R} \rightarrow \mathbb{R}$ be a function. Suppose that f is continuous at x_0 and $f(x_0) = L$. Show that f is continuous at x_0 if and only if $\lim_{x \rightarrow x_0} f(x) = L$.	12	
3. Let $f: \mathbb{R} \rightarrow \mathbb{R}$ be a function. Suppose that f is continuous at x_0 and $f(x_0) = L$. Show that f is continuous at x_0 if and only if $\lim_{x \rightarrow x_0} f(x) = L$.	13	
4. Let $f: \mathbb{R} \rightarrow \mathbb{R}$ be a function. Suppose that f is continuous at x_0 and $f(x_0) = L$. Show that f is continuous at x_0 if and only if $\lim_{x \rightarrow x_0} f(x) = L$.	14	
5. Let $f: \mathbb{R} \rightarrow \mathbb{R}$ be a function. Suppose that f is continuous at x_0 and $f(x_0) = L$. Show that f is continuous at x_0 if and only if $\lim_{x \rightarrow x_0} f(x) = L$.	15	

- 2 BARS FOR TABLE TOP STANDS
- 2 MICROPHONE BOOMS
- 2 MICROPHONE FLOOR STANDS
- 2 LIVINGSTON TURNTABLE ARMS (TRANSCRIPTION TYPE)
- 2 BRUSH " " " "
- 4 ANSTATIC " " " "
- 8 CR VARIABLE RELUCTANCE PHONE CARTRIDGES, 4 5/8 DIAMETER NEEDLES
- 2 12 IN. TELECHRON CLOCKS
- 1 12 IN. G.E. CLOCK
- 1 6 IN. G.E. CLOCK
- 1 MULTI-AMPLIFIER CHASSIS INCLUDING : VU AMPLIFIER, Q AMPLIFIER,
TAPE RECORDER, INPUT AMPLIFIER, TAPE RECORDER
OUT PUT AMPLIFIER
- 1 AUTOMATIC CONTROL CLOCK AND ASSOCIATED DELAYS
- 1 800 CYCLE "BELL" OSCILLATOR PLUS FEEDING RELAY
- 1 84 INPUT PATCH PANEL
- 2 MONITOR AMPLIFIERS
- 2 MODEL LP-73 REK-O-KUT TURNTABLES
- 2 MODEL LP-743 REK-O-KUT TURNTABLES
- 1 TALK-A-PHONE INTERCOM MASTER CONTROL UNIT
- 1 SLAVE UNIT TALK-A-PHONE
- 1 55 B 20052 SUPER CARDIOID UNILYNE SHURE MICROPHONE
- 1 55-B MULTI-Z SUPER CARDIOID SHURE MICROPHONE (NOT IN OPERATING
CONDITION)
- 1 211 HIGH-Z SUPER DYNAMIC TURNER MICROPHONE
- 1 HI-6204-B HIGH Z RIBBON RCA MICROPHONE
- 1 630 25052 DYNAMIC ELECTRO-VOICE MICROPHONE
- 1 V85 MULTI-Z DYNAMIC TURNER MICROPHONE

REF ID: A-2187 21 JUL 1963 1

- 8 MICROPHONE ATTENUATORS
- 1 DESK-TYPE TABLE
- 3 CUSTOM-BUILT 30 IN. PLATFORMS OR PITCHERS FOR EQUIPMENT
- 1 BUS RELAY RACK CR - 17L5
- 1 ORIENT PIANO
- 1 PERMANENT FILE CABINET
- 1 PORTABLE FILE CABINET
- 400 LOG SHEETS, FCC FORM
- 700 SHEETS OF MMHC LETTERHEADS
- 60 MEETING NOTICE SHEETS
- 60 LARGE-SIZE ENVELOPES
- RECORDS OF STATION BUSINESS, MINUTES OF MEETINGS, ETC.
- 1 2400 FT. PLASTIC RECORDED TAPE, SCOTCH AND ADIOTAPE
- 11 1200 FT. PLASTIC RECORDED TAPES, SCOTCH AND ADIOTAPE
- 1 L RULER FOR ACCOUNTS OF TREASURER
- 1 22 COMPARTMENT MAIL BOX
- 1 2"x 1 1/2" SPEAKER
- 5 DESK LAMPS (MOUNTED ON WALLS FOR INDIRECT LIGHTING)
- 5 BOOKS ARE/OR TECHNICAL MANUALS
- 1 DESK CHAIR
- 1 TALL STOOL
- 11 chairs (HARD BACK)
- 1 THE 'R' CONSOLE; 3 INPUTS
- 2 BARUCH LANG LONG SPEAKERS
- 1 ELECTRICALLY LIGHTED "ON THE AIR" SIGN

WING INVENTORY

PAGE 1

- 1 CINCINNATI MODEL 1101 TAPES RECORDERS AND PLAYBACK MACHINE
- 1 REVERB T 70167 TAPES RECORDERS AND PLAYBACK MACHINE
- 1 CO₂ FIRE EXTINGUISHER
- 1 FIRE ESCAPE LADDER
- 2 LARGER WASTE BASKETS
- 2 AUTO SWITCHING RELAY BOXES FOR WING & WING LINE
(ONE INSTALLED AT WING AND ONE AT WING)
- 1 WIRE 2 CONDUCTOR TELEPHONE LINE
- 1 SET OF LOCK BELL CHIMES (INSTALLED BY MR. BRADY)
- 6 FATHOM COILS, PL-47 FLIES
- 1 SIMPLEX MODEL 210 TELETYPE WITH TALKS
- 1 RELAY PANEL CONTAINING
15 SOUND-TRIGGER RELAYS
2 SOUND-TRIGGER RELAYS

THESE ITEMS ARE ON HAND. VALUE IS \$2.00, SO THESE ITEMS HAVE
BEEN PLACED IN THE WING INVENTORY. THESE ITEMS ARE ON HAND

THIS REPORT IS RESPECTFULLY SUBMITTED BY THE
TECHNICAL DIRECTOR OF WHRC, AND IT IS HELD BY HIM TO BE
AS ACCURATE AS POSSIBLE.

November 12, 1955

TO : THE STUDENTS' ASSOCIATION OF HAVERFORD COLLEGE

FROM : TECHNICAL MANAGER OF WHRC

SUBJECT : INVENTORY OF WHRC

ATTACHED PLEASE FIND INVENTORY OF WHRC CORRECT AS OF NOVEMBER 11, 1955

SIGNED :

RICHARD L. COHEN

TECHNICAL MANAGER
WHRC

RLC/jar

INVENTORY OF WHRC

ALL INTEGRAL ITEMS OF WORTH (ESTIMATED) OVER 2.00 DOLLARS ... MOVABLE

ALL INTEGRAL ITEMS OF WORTH (ESTIMATED) OVER 10.00 DOLLARS ...

SEMI*PERMANENT

- 1 HEATHKIT 6 V. D.C. POWER SUPPLY
- 1 CONSOLE HIGH VOLTAGE POWER SUPPLY
- 2 'R' HIGH VOLTAGE POWER SUPPLIES
- 1 RELAY POWER SUPPLY
- 1 FILAMENT POWER SUPPLY 6 VOLTS DC @ 30 AMPERES
- 1 STUDIO TYPE CONSOLE ... 14 INPUTS PLUS SWITCHING AND MONITORING EQUIPMENT, WITH INTEGRAL PRE-AMPLIFIER
- 1 'R' PRE-AMPLIFIER ... 2 MIKE CHANNELS, 2 TURNABLE CHANNELS, 1 C.K.C. AMPLIFIER
- 1 MODIFIED CE PHONO PRE-AMPLIFIERS
- 1 6 CHANNEL LINE AMPLIFIER
- 1 FM TUNER ... MEISSNER 8 C
- 1 RME MULTI-BAND COMMUNICATIONS RECEIVER
- 1 TWO*INPUT REMOTE MIXER AMPLIFIER
- 1 TRANSMITTER AND ASSOCIATED PARTS (FOR CARRIER CURRENT TYPE OPERATION)
 - INCLUDING :
 - 1) MODULATOR AUDIO AMPLIFIER
 - 2) OSCILLATOR 680 K.C. CRYSTAL CONTROLLED
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 - 1) TRANSMITTER POWER SUPPLY
 - 1) OSCILLOSCOPE POWER SUPPLY
- 3 R-14 HEADPHONES 3 GOOD PAIRS, 2 DNR

INVENTORY OF WHRC

PAGE 2

- 2 BASSES FOR TABLE TOP STANDS
- 2 MICROPHONE BOOMS
- 2 MICROPHONE FLOOR STANDS
- 2 LIVINGSTON TURNTABLE ARMS (TRANSCRIPTION TYPE)
- 2 BRUSH " " " "
- 4 ASTATIC " " " "
- 8 GE VARIABLE RELUCTANCE PHONO CARTRIDGES, 4 \bar{c} DIAMETER NEEDLES
- 2 12 IN. TELECHRON CLOCKS
- 1 12 IN. G.E. CLOCK
- 1 6 IN. G.E. CLOCK
- 1 MULTI-AMPLIFIER CHASSIS INCLUDING : VU AMPLIFIER, G AMPLIFIER,
TAPE RECORDER, INPUT AMPLIFIER , TAPE RECORDER
OUT PUT AMPLIFIER
- 1 AUTOMATIC CONTROL CLOCK AND ASSOCIATED RELAYS
- 1 800 CYCLE "BEEP" OSCILLATOR PLUS KEYING RELAY
- 1 84 INPUT PATCH PANEL
- 2 MONITOR AMPLIFIERS
- 2 MODEL LP-73 REK-O-KUT TURNTABLES
- 2 MODEL LP-743 REK-O-KUT TURNTABLES
- 1 TALK-A-PHONE INTERCOM MASTER CONTROL UNIT
- 1 SLAVE UNIT TALK-A-PHONE
- 1 55 B 20052 SUPER CARDIOID UNIDYNE SHURE MICROPHONE
- 1 55-B MULTI-2 SUPER CARDIOID SHURE MICROPHONE (NOT IN OPERATING
CONDITION)
- 1 211 HIGH-Z SIF R DYNAMIC TURNER MICROPHONE
- 1 HI-6204-B HIGH Z RIBBON RCA MICROPHONE
- 1 630 25052 DYNAMIC ELECTRO-VOICE MICROPHONE
- 1 V85 MULTI-Z DYNAMIC TURNER MICROPHONE

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1009 FIFTH AVENUE, NEW YORK 10028

- 8 MICROPHONE EXTENSIONS
- 1 DESK-TYPE TABLE
- 3 CUSTOM-BUILT 30 IN. PLATFORMS OR BENCHES FOR EQUIPMENT
- 1 BUS RELAY RACK CR - 1745
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- 1 PERMANENT FILE CABINET
- 1 PORTABLE FILE CABINET
- 400 LOG SHEETS, FCC FORM
- 700 SHEETS OF WHRC LETTERHEADS
- 60 MEETING NOTICE SHEETS
- 60 LARGE-SIZE ENVELOPES
- RECORDS OF STATION BUSINESS, MINUTES OF MEETINGS, ETC.
- 1 2400 FT. PLASTIC RECORDING TAPE, SCOTCH AND ADELTAPE
- 11 1200 FT. PLASTIC RECORDING TAPES, SCOTCH AND ADELTAPE
- 1 1 LEDGER FOR ACCOUNTS OF TREASURER
- 1 22 COMPARTMENT MAIL BOX
- 1 2"x 1½" SPEAKER
- 5 DESK LAMPS (MOUNTED ON WALLS FOR INDIRECT LIGHTING)
- 5 BOOKS AND/OR TECHNICAL MANUALS
- 1 DESK CHAIR
- 1 TALL STOOL
- 11 chairs (HARD BACK)
- 1 TPE 'R' CONSOLE, 3 INPUTS
- 2 BARUCH LANG LONG SPEAKERS
- 1 ELECTRICALLY LIGHTED "ON THE AIR" SIGN

- 1 CONCERTONE MODEL 1401 TAPE RECORD AND PLAYBACK MACHINE
- 1 REVERE T 70167 TAPE RECORD AND PLAYBACK MACHINE
- 1 CO₂ FIRE EXTINGUISHER
- BROWN CARPETING
- 3 FIRE ESCAPE ROVES
- 2 LARGE WASTE BASKETS
- 2 AUTO SWITCHING RELAY BOXES FOR WHRC & WHRC LINE
(ONE INSTALLED AT WHRC AND ONE AT WHRC)
- 1/2 MILE 2 CONDUCTOR TELEPHONE LINE
- 1 SET OF DOOR BELL CHIMES (DONATED BY MR. BOLOGIANO)
- 6 PATCH CORDS, PL-47 PLUGS
- 1 SIMPSON MODEL 240 MULTIMETER WITH LEADS
- 1 RELAY PANEL CONTAINING
 - 15 SOUND-TRONIC RELAYS
 - 2 STEPPING TYPE RELAYS

SPARE PARTS, TUBES, CONDENSERS, RESISTORS, VARIOUS ITEMS OF SMALL HARDWARE, TERMINAL STRIPS AND CONNECTORS. VALUE IS UNDER \$ 2.00, SO THESE ITEMS HAVE NOT BEEN LISTED SEPARATELY IN THE REPORT.

THIS REPORT IS RESPECTFULLY SUBMITTED BY THE
TECHNICAL DIRECTOR OF WHRC, AND IT IS HELD BY HIM TO BE
AS ACCURATE AS POSSIBLE.

REPORT ON HOLDINGS OF THE
PRODUCTION DEPARTMENT,
WHRC.

RECORDS: 33 1/3 R.P.M.

R.C.A. VICTOR CLASSICAL: 10".....	11
R.C.A. VICTOR CLASSICAL: 12".....	112
COLUMBIA CLASSICAL: 12".....	31
COLUMBIA POPULAR: 12".....	36
MISC. POPULAR: 10".....	12
MISC. POPULAR: 12".....	1

TOTAL LP'S: 203

RECORDS: 45 R.P.M.

CAPITOR POPULAR.....	121
----------------------	-----

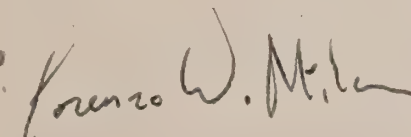
RECORDS: 78 R.P.M.

MISC POPULAR 10".....	958
MISC POPULAR 12".....	24

TAPES:

SCOTCH PLASTIC TAPE, 1200 ft.....	16
-----------------------------------	----

signed,



Lorenzo W. Milam
production manager

November 12, 1955

TO : THE STUDENTS' ASSOCIATION OF HAVERFORD COLLEGE

FROM : TECHNICAL MANAGER OF WHRC

SUBJECT : INVENTORY OF WHRC

ATTACHED PLEASE FIND INVENTORY OF WHRC CORRECT AS OF NOVEMBER 11, 1955

SIGNED :

RICHARD L. COHEN

TECHNICAL MANAGER
WHRC

RLC/jar

THE UNIVERSITY OF CHICAGO

DEPARTMENT OF CHEMISTRY

LABORATORY OF PHYSICAL CHEMISTRY

CHICAGO, ILL.

1911

RECEIVED

APR 11 1911

FROM

DR. J. H. VAN VLECK

CHICAGO, ILL.

1911

INVENTORY OF WHRC

ALL INTEGRAL ITEMS OF WORTH (ESTIMATED) OVER 2.00 DOLLARS ... MOVABLE

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- 3 R-14 HEADPHONES 3 GOOD PAIRS, 2 LBR

- 2 BASES FOR TABLE TOP STANDS
- 2 MICROPHONE BOOMS
- 2 MICROPHONE FLOOR STANDS
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- 1 630 25052 DUNAMIC ELECTRO-VOICE MICROPHONE
- 1 V85 MULTI-Z DYNAMIC TURNER MICROPHONE

8 MICROPHONE EXTENSIONS

1 DESK-TYPE TABLE

3 CUSTOM-BUILT 30 IN. PLATFORMS OR BENCHES FOR EQUIPMENT

1 BUD RELAY RACK CR - 1745

1 UPRIGHT PIANO

1 PERMANENT FILE CABINET

1 PORTABLE FILE CABINET

400 LOG SHEETS, FCC FORM

700 SHEETS OF WHRC LETTERHEADS

60 MEETING NOTICE SHEETS

60 LARGE-SIZE ENVELOPES

RECORDS OF STATION BUSINESS, MINUTES OF MEETINGS, ETC.

1 2400 FT. PLASTIC RECORDING TAPE, SCOTCH AND AUDIOTAPE

11 1200 FT. PLASTIC RECORDING TAPES, SCOTCH AND AUDIOTAPE

1 1 EDGER FOR ACCOUNTS OF TREASURER

1 22 COMPARTMENT MAIL BOX

1 2"x 1½" SPEAKER

5 DESK LAMPS (MOUNTED ON WALLS FOR INDIRECT LIGHTING)

5 BOOKS AND/OR TECHNICAL MANUALS

1 DESK CHAIR

1 TALL STOOL

11 chairs (HARD BACK)

1 TPE 'R' CONSOLE; 3 INPUTS

2 BARUCH LANG LOUD SPEAKERS

1 ELECTRICALLY LIGHTED "ON THE AIR" SIGN

- 1 CONCERTONE MODEL 1401 TAPE RECORD AND PLAYBACK MACHINE
- 1 REVERE T 70167 TAPE RECORD AND PLAYBACK MACHINE
- 1 CO₂ FIRE EXTINGUISHER
- BROWN CARPETING
- 3 FIRE ESCAPE ROPES
- 2 LARGE WASTE BASKETS
- 2 AUTO SWITCHING RELAY BOXES FOR WEMC * WHRC LINE
(ONE INSTALLED AT WEMC AND ONE AT WHRC)
- $\frac{1}{2}$ MILE 2 CONDUCTOR TELEPHONE LINE
- 1 SET OF DOOR BELL CHIMES (DONATED BY MR. BOLGIANO)
- 6 PATCH CORDS, PL-47 PLUGS
- 1 SIMPSON MODEL 240 MULTIMETER WITH LEADS
- 1 RELAY PANEL CONTAINING
 - 15 SOUND-TRONIC RELAYS
 - 2 STEPPING TYPE RELAYS

SPARE PARTS, TUBES, CONDENSERS, RESISTORS, VARIOUS ITEMS OF SMALL HARDWARE, TERMINAL STRIPS AND CONNECTORS. VALUE IS UNDER \$ 2.00, SO THESE ITEMS HAVE NOT BEEN LISTED SEPARATELY IN THE REPORT.

THIS REPORT IS RESPECTFULLY SUBMITTED BY THE
TECHNICAL DIRECTOR OF WHRC, AND IT IS HELD BY HIM TO BE
AS ACCURATE AS POSSIBLE.

